

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

ALT-5604D-CONT of D. J. I

Application Number

09/689,503

Applicant(s)

Connell et al.

Filing Date

October 12, 2000

Group Art Unit

1723

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JWD

- |     |   |
|-----|---|
| G1  | Nephrology Dialysis Transplantation -- Official Publication of the European Dialysis and Transplant Association -- European Renal Association, Vol. 2, No. 2, 1987, cover page, page A2, announcements (p. 130-131), and page 278 (abstract).   |
| G2  | Nephrology Dialysis Transplantation -- Official Publication of the European Dialysis and Transplant Association -- European Renal Association, Vol. 3, No. 4, 1988, cover page, page A2, announcements (p. 582).  |
| G3  | Techert, F. et al., "Does Better Technology Replace Professional Dialysis Staff?", Aspects of Renal Care 3, pages 95-96.<br>Undated   |
| G4  | Nephrology Dialysis Transplantation -- Official Publication of the European Dialysis and Transplant Association -- European Renal Association, Vol. 4, No. 12, 1989, cover page and page A4.  |
| G5  | Lange, H. et al., "Computer Modulated Profile Haemodialysis (CMP-HD) and Vasoactive Hormones," pages 358-360, New Therapeutic Strategies in Nephrology, Proceedings of the 3rd International Meeting on Current Therapy in Nephrology, Sorrento, Italy, May 27-30, 1990.                            |
| G6  | Keuchel, M. et al., "Computer-Modulated Profile Hemodialysis (CMP-HD) Versus Standard Bicarbonate Hemodialysis (BIC-HD)," pages 375-377, New Therapeutic Strategies in Nephrology, Proceedings of the 3rd International Meeting on Current Therapy in Nephrology, Sorrento, Italy, May 27-30, 1990. |
| G7  | Nephrology Dialysis Transplantation -- Official Publication of the European Dialysis and Transplant Association -- European Renal Association, Vol. 5, Supplement 1, 1990, cover page and page 2.   |
| G8  | Stefoni, S. et al., "Modulated Dialysis: A New Strategy for the Treatment of Intradialytic Intolerance," Nephrol Dial Transplant Suppl. I, Vol. 5, 1990, pp 154-157.  |
| G9  | Sturniolo, A. et al., "Computerised Monitoring of Sodium and Fluid During Haemodialysis," Nephrol Dial Transplant Suppl. I, Vol. 5, 1990, pp 162-164.   |
| G10 | Fresenius 2008 B Dialysis System Document, 2 pages. Undated   |

JWD

EXAMINER

Joseph D. Dudge

DATE CONSIDERED

3-16-2001

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JWD

A1

Communication of a Notice of Opposition from the European Patent Office dated January 5, 2001.

JWD

A2

Objection on behalf of B. Braun Melsungen AB to Patent 0 688 793 B1 by von Kreisler et al. Patent Attorneys dated January 2, 2001 (with translation).

A3

~~U.S. Patent No. 4,898,578 to Rubalcaba, Jr. issued on February 6, 1990.~~

JWD

A4

CMS 08 Handbook dated August 4, 1988, published by Fresenius AG (with translation).

A5

Communication of a Notice of Opposition from the European Patent Office dated January 16, 2001.

A6

Objection to European Patent EP 0 668 793 B1 by Lunderschmidt et al. Patent Attorneys on behalf of Fresenius Medical Care dated January 4, 2001 (with translation).

A7

Einspruch gegen ein europaisches Patent (6 pages). , Undated

A8

Computer Modelling System 08, CMS 08 document, published by Fresenius AG. , Undated

A9

Dialysis System A2008 C document published by Fresenius AG. , Undated

JWD

A10

Erben, J. et al., "Computer-Supported Risk Analysis of Haemodialysis Patients in Combination with Possible Therapies by the CMS 08," Improvements in Dialysis Therapy, 1989, Vol. 74, page 165-169.

EXAMINER

Joseph Dodge

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

B1

Stefoni, S. et al., "The CMS 08 Modulated Dialysis," Improvements in Dialysis Therapy, 1989, Vol. 74, page 221-230.

B2

Perrone, B., "Evidence of Fluid Shifts during Dialysis Sessions with Sodium and Ultrafiltration Profiles," Improvements in Dialysis Therapy, 1989, Vol. 74, page 191-199.

B3

Deuber, H.J. et al., "Clinical Application of the Sodium Modelling Computation with CMS 08," Improvements in Dialysis Therapy, 1989, Vol. 74, page 159-164.

B4

Eidesstattliche Versicherung (Solemn Declaration) for Raimond Walter dated January 2, 2001 (with translation).

B5

Copy of photograph labeled Anlage 8. , Undated

B6

Programme for European Renal Association XXIXth Congress, 5 pages. , Undated

B7

Copy of photograph labeled Anlage 10. , Undated

B8

Copy of photograph labeled Anlage 11. , Undated

B9

Eidesstattliche Versicherung (Solemn Declaration) for Reiner Spickermann dated December 27, 2000 (with translation).

EXAMINER

Joseph Inodge

DATE CONSIDERED

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ATTY DOCKET NO.

ALT-5604D CONT V III

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Connell et al.

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10/12/2000  
~~Herewith~~

GROUP

1723  
~~Unknown~~

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JWD	A1	3,563,381	2/16/71	Edelson et al.			
	A2	3,946,731	3/76	Lichtenstein			
	A3	3,992,301	11/76	Shippey et al.			
	A4	4,096,059	6/78	Pinkerton			
	A5	4,098,274	7/78	Ebling et al.			
	A6	4,209,391	6/24/80	Lipps et al.			
	A7	4,366,061	12/28/82	Papanek et al.			
	A8	4,370,983	2/1/83	Lichtenstein			
	A9	4,477,342	10/16/84	Allan et al.			
	A10	4,508,622	4/85	Polaschegg et al.			
JWD	A11	4,601,830	7/86	Chen			

PTO  
J0841 09/689503  
10/12/00

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JWD	A12	54-153781	12/79	Japan				
	A13	2 513 884	10/82	France				
	A14	0 089 003	9/21/83	European Patent Office				
	A15	2 513 884	4/8/83	France				
JWD	A16	0 186 973	7/9/86	European Patent Office				✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JWD	A17	Operator's Manual for SPS 550, Published by Baxter Healthcare Corp., 1987.
JWD	A18	Operator's Instructions for A2008 Hemodialysis System, Published by Fresenius, pp. 1-116. <i>Undated</i>

EXAMINER

Joseph D. Widge

DATE CONSIDERED

3-1-2001

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Unknown

Connell et al.

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JWD	B1	4,614,590	9/86	Rath et al.			
	B2	4,618,343	10/86	Polaschegg			
	B3	4,715,959	12/19/87	Allan et al.			
	B4	4,718,022	1/88	Cochran			
	B5	4,739,492	4/88	Cochran			
	B6	4,747,950	5/31/88	Guinn			
	B7	4,756,706	7/12/88	Kerns et al.			
	B8	4,769,134	9/6/88	Allan et al.			
	B9	4,770,769	9/88	Schael			
	B10	4,804,950	2/89	Moon et al.			
JWD	B11	4,828,543	5/9/89	Weiss et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JWD	B12	0 298 587 ✓	5/11/87	European Patent Office				
	B13	0240 101 ✓	10/7/87	European Patent Office				
	B14	0 267 664	5/18/88	Europe				
	B15	2 205 669	12/14/88	United Kingdom				
JWD	B16	0 311 709 ✓	4/19/89	European Patent Office				✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JWD	B17	HD-secura Dialysis Unit Operating Manual, Published by B. Braun Melsunden AG, january 1991, pp. 1-157.
JWD	B18	Lamberti et al., "A Digital Computer Model for Optimal Programming of Hemodialytic Treatment," The International Journal of Artificial Organs, Vol. 11, No. 4, 1988, pp. 235-242.

EXAMINER

Joseph Orndorff

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Connell et al.

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JWD	C1	4,834,888	5/89	Polaschegg			
	C2	4,873,623	10/89	Lane et al.			
	C3	4,895,657	1/90	Polaschegg			
	C4	4,898,578	2/6/90	Rubalcaba, Jr.			
	C5	4,914,624	4/90	Dunthorn			
	C6	4,916,441	4/90	Gombrich			
	C7	4,935,125	6/90	Era et al.			
	C8	4,971,700	11/90	Tsuji et al.			
	C9	4,974,599	12/4/90	Suzuki			
	C10	4,990,258	2/5/91	Bjare et al.			
JWD	C11	4,997,570	3/91	Polaschegg			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JWD	C12	WO 90/14850	12/13/90	PET WJPD	—	—		X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JWD	C13	✓	Nephrology Dialysis Transplantation, Vol. 2, No. 2, 1987.
JWD	C14		Monitral-S Dialysis System Brochure, January 1988, Vol. 1, No. 1.

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Joseph O'neal

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JWD	D1	5,024,756	6/91	Sternby			
	D2	5,056,059	10/8/91	Tivig et al.			
	D3	5,069,668	12/3/91	Boydman			
	D4	5,100,554	3/92	Polaschegg			
	D5	5,111,683	5/92	Fond			
JWD	D6	5,344,392	9/94	Senninger			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JWD	D7	Nephrology Dialysis Transplantation, Vol. 3, No. 4, 1988.
JWD	D8	Zucchelli, et al., Treatment and Monitoring of Renal Patients, Nephrology Dialysis Transplantation, Symposium 27-29, April 1989 at Bologna, Italy.

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E1

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E2

COBE Laboratories Centrysystem 3 Dialysis Management System Brochure, 1989.

E3

Gambro AB, More Care in Renal Care, AK 100 Brochure, Undated

E4

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E5

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E6

Fresenius, The A 2008 D Dialysis System Brochure, Undated

E7

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E8

Baxter Healthcare Corporation, The Baxter 1550 Hemodialysis Machine Brochure, 1991.

E9

Hospal Integra, The Hospal Vision of the Future in Dialysis Monitoring Brochure, Undated

E10

Hanna, Annetta, 1991 Annual Design Review, Introduction.

E11

Althin CD Medical, Inc., reprint of: Winning Design for Althin's System 1000, June 12 issue of Clinica, Undated

E12

Althin CD Medical, Inc., reprinting of: Applications: Dialysis Machine, September/October 1991, Plastics Design Forum, p. 72.

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1723  
~~Unknown~~

\*EXAMINER  
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F1

International Design Prize of the State of Baden-Wurttemberg Brochure, 1993.

F2

Fresenius, 4008 Profile Display, na/UF Graphics Brochure. , Undated

F3

Fresenius, 4008 E Dialysis System Brochure. , Undated

F4

Fresenius, 2008 H Dialysis System Brochure. , Undated

F5

Fresenius, The Highest Standards in Hemodialysis Brochure. , Undated

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